



seq listing.txt
SEQUENCE LISTING

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<120> Expression of alkaline phosphatase in yeast

<130> 5387/00/

<140>

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<160> 38

<170> PatentIn Ver. 2.1

<210> 1

<211> 1476

<212> DNA

<213> Bovine

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<211> 40

<212> DNA

<213> Artificial Sequence

<220>

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36

<210> 4

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<211> 487
<212> PRT
<213> Bovine

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1 5 10 15

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20 25 30

Ala Lys Asn Val Ile Leu Phe Leu Gly Asp Gly Met Gly Val Pro Thr
35 40 45

Val Thr Ala Thr Arg Ile Leu Lys Gly Gln Met Asn Gly Lys Leu Gly
50 55 60

Pro Glu Thr Pro Leu Ala Met Asp Gln Phe Pro Tyr Val Ala Leu Ser
65 70 75 80

Lys Thr Tyr Asn Val Asp Arg Gln Val Pro Asp Ser Ala Gly Thr Ala
85 90 95

Thr Ala Tyr Leu Cys Gly Val Lys Gly Asn Tyr Arg Thr Ile Gly Val
100 105 110

Ser Ala Ala Ala Arg Tyr Asn Gln Cys Asn Thr Thr Arg Gly Asn Glu
115 120 125

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130 135 140

Val Val Thr Thr Arg Val Gln His Ala Ser Pro Ala Gly Ala Tyr
145 150 155 160

Ala His Thr Val Asn Arg Asn Trp Tyr Ser Asp Ala Asp Leu Pro Ala
165 170 175

Asp Ala Gln Lys Asn Gly Cys Gln Asp Ile Ala Ala Gln Leu Val Tyr
180 185 190

Asn Met Asp Ile Asp Val Ile Leu Gly Gly Arg Met Tyr Met Phe
195 200 205

Pro Glu Gly Thr Pro Asp Pro Glu Tyr Pro Asp Asp Ala Ser Val Asn
210 215 220

Gly Val Arg Lys Asp Lys Gln Asn Leu Val Gln Glu Trp Gln Ala Lys
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His Gln Gly Ala Gln Tyr Val Trp Asn Arg Thr Ala Leu Leu Gln Ala
245 250 255

Ala Asp Asp Ser Ser Val Thr His Leu Met Gly Leu Phe Glu Pro Ala
260 265 270

Asp Met Lys Tyr Asn Val Gln Gln Asp His Thr Lys Asp Pro Thr Leu
275 280 285

Ala Glu Met Thr Glu Ala Ala Leu Gln Val Leu Ser Arg Asn Pro Arg
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Gly Phe Tyr Leu Phe Val Glu Gly Gly Arg Ile Asp His Gly His His
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Asp Gly Lys Ala Tyr Met Ala Leu Thr Glu Ala Ile Met Phe Asp Asn
325 330 335

Ala Ile Ala Lys Ala Asn Glu Leu Thr Ser Glu Leu Asp Thr Leu Ile
340 345 350

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Leu Val Thr Ala Asp His Ser His Val Phe Ser Phe Gly Gly Tyr Thr
355 360 365
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Ser Lys Ser Tyr Thr Ser Ile Leu Tyr Gly Asn Gly Pro Gly Tyr Ala
385 390 395 400
Leu Gly Gly Ser Arg Pro Asp Val Asn Gly Ser Thr Ser Glu Glu
405 410 415
Pro Ser Tyr Arg Gln Gln Ala Ala Val Pro Leu Ala Ser Glu Thr His
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Gly Gly Glu Asp Val Ala Val Phe Ala Arg Gly Pro Gln Ala His Leu
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Val His Gly Val Gln Glu Glu Thr Phe Val Ala His Ile Met Ala Phe
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Thr Ala Thr Ser Ile Pro Asp
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<212> DNA
<213> Artificial Sequence

<220>
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ccagctactg ctactagtat tccagattaa ggtacc 1476

<210> 6
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<213> Artificial Sequence

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seq listing.txt

<223> Description of Artificial Sequence: Artificial

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<212> DNA
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<210> 8
<211> 69
<212> DNA
<213> Artificial Sequence

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<210> 9
<211> 70
<212> DNA
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<400> 9
gaaaattgat ccatagccaa tggagttct ggacccaact taccattcat ttgacccttc 60
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<210> 10
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ccagattctg c 71

<210> 11
<211> 71
<212> DNA
<213> Artificial Sequence

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<210> 12
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<212> DNA
<213> Artificial Sequence

seq listing.txt

<220>
<223> Description of Artificial Sequence: Artificial

<400> 12
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<210> 13
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<212> DNA
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<400> 13
agtaacaaca ccaacacgcct taccagcctt cttagctcta ttaataacag aagtaacttc 60
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<211> 74
<212> DNA
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<400> 17
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<210> 18
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seq listing.txt

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<210> 19
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<213> Artificial Sequence

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<210> 20
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<213> Artificial Sequence

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seq listing.txt

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seq listing.txt

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<210> 31
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seq listing.txt

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<212> PRT
<213> *Saccharomyces cerevisiae*

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1 5 10

<210> 37
<211> 4
<212> PRT
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<400> 37
Leu Ile Pro Ala
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<210> 38
<211> 6
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 38
Glu Ala Glu Ala Glu Phe
1 5

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01/29/2002
09:48:38

VERIFICATION SUMMARY REPORT
PATENT APPLICATION

DATE:
TIME:

INPUT SEQ: G:\CORE\IPLD\IDs\0001-
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GENERAL INFORMATION SECTION

3,<110> Roche Diagnostics GmbH
5,<120> Expression of alkaline phosphatase in yeast
7,<130> 5387/00/
9,<140>
10,<141>
12,<160> 38
14,<170> PatentIn Ver. 2.1

ERRORED LINES SECTION

STATISTICS SUMMARY

Application Serial Number:
 Alpha or Numeric: Numeric
Application Class:
Application File Date:
 Art Unit:
 Software Application: PatentIn
Total Number of Sequences: 38
 Total Nucleotides: 5071
 Total Amino Acids: 507
 Number of Errors: 0
 Number of Warnings: 0
Number of Corrections: 0